Shell Nature Studies 18 MINERALS

PAINTED BY TRISTRAM HILLIER

Minerals are literally substances dug from the earth by mining. FLINT (1) was the first substance mined in England 4,000 years ago, by New Stone Age miners in Norfolk, Wiltshire and Sussex. It gave man his first sharp axes for clearing the forests. Early man also fancied JET (2), a hard mineralized wood. Yorkshire jet was used for jewellery from prehistoric to Victorian times.

AMETHYST (3), and POTATO-STONES (4), fascinating when you break them and find the crystals inside, are two varieties of quartz. Cubes of FLUORSPAR (5 and 6) build up in delightful tints. Visitors to the Lizard in Cornwall know the polished ashtrays and model lighthouses cut from SERPENTINE (7).

Ores are worth searching for on old mine dumps. Cornish dumps may yield heavy scraps of CASSITERITE or TIN-STONE (8). GALENA, the commonest ore of lead, occurs sometimes with zinc ore (9), sometimes with barytes or " cawk ", as they call it in Derbyshire (10). KIDNEY ORE (11) is an unmistakable form of iron ore. " THUNDERBOLTS " (12), which you can pick out of chalk cliffs and quarries and admire for their radiating structure, are a form of iron sulphide or pyrites.

Shell's monthly " Nature Studies : Birds and Beasts ", which gave so many people pleasure last year, is being published in book form by Phoenix House Limited at 7s. The Shell Guide to " Flowers of the Countryside " is still available at 6s. 6d. On sale at booksellers.

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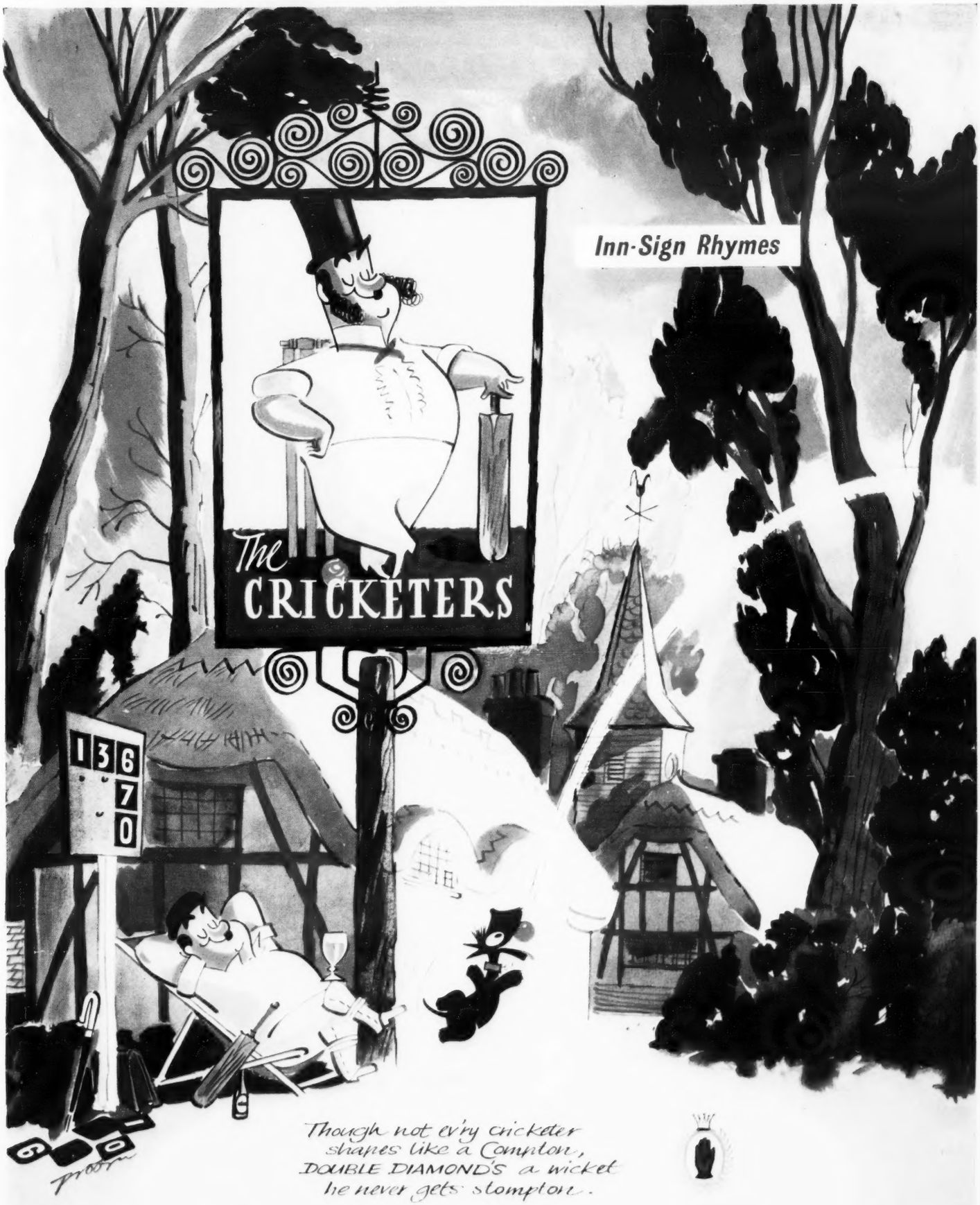

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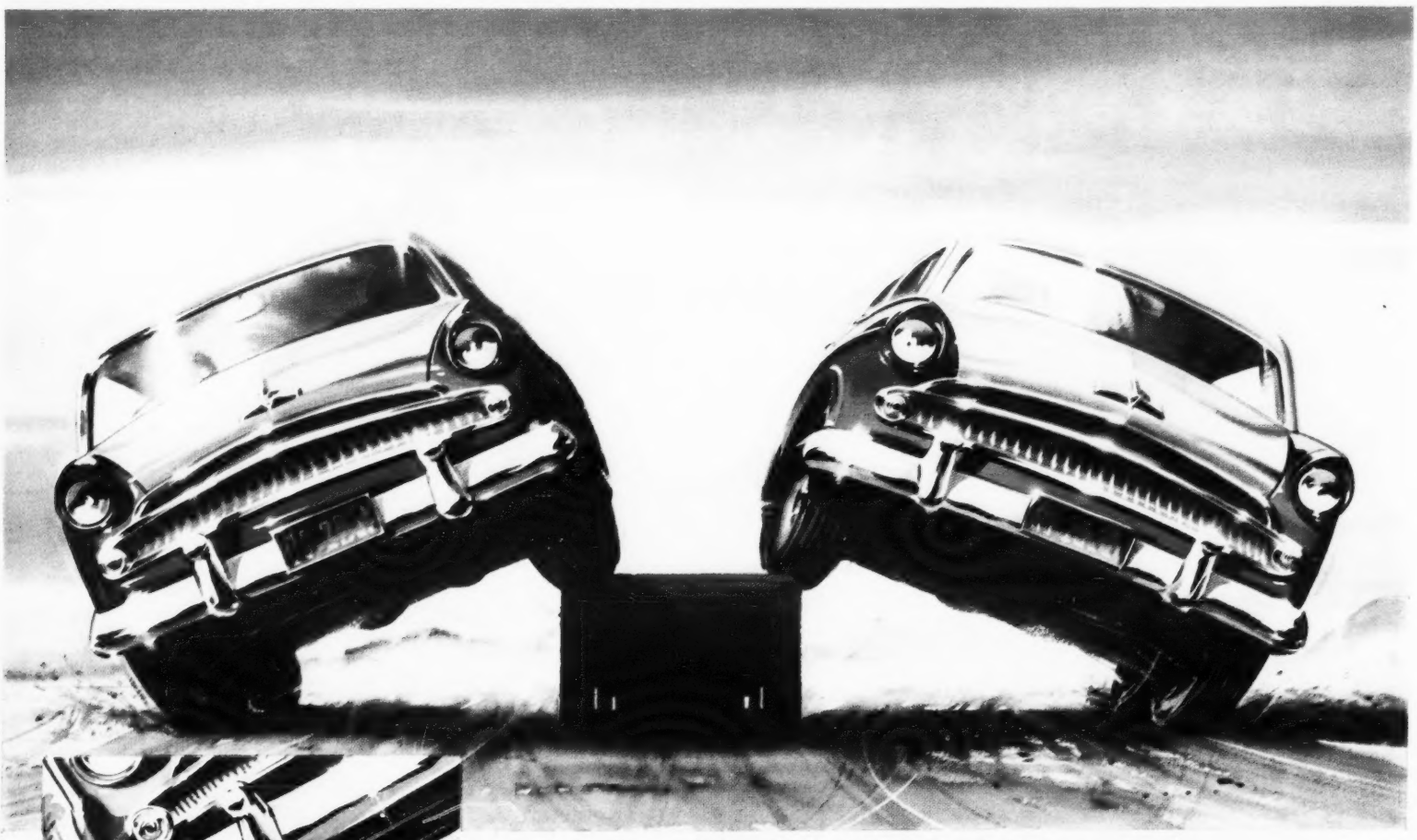
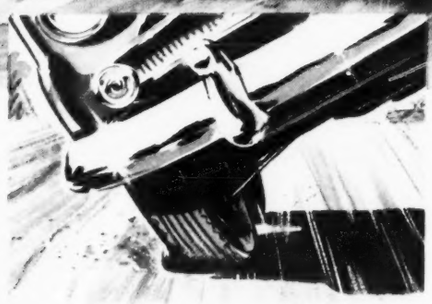


Smashing blows for Goodyear Tubeless as thrilling Motor Rodeo stunt cars plunge down from ramps with two-wheel rim-edge rolls. The result? No air loss. No damage in twenty shows.



Close up shows the punishing impact-distortion on Goodyear Tubeless.

The climax of all tyre-torturing stunts — Spectacular 60 m.p.h. leaps from ramp to ramp.

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